

TRAJE DESCARTABLE TYCHEMTOOLS



Descripción

Mameluco TYCHEMTOOLS es un traje de protección confortable, liviano, durable utilizado contra salpicaduras líquidas y contacto ocasional con pesticidas, ácidos inorgánicos y álcalis. Se encuentran confeccionados con un film de polietileno de alta calidad colocado sobre la tela Tyvek

Durabilidad

TYCHEMTOOLS está confeccionado a partir de la tela no tejida. La tela es laminada con un filme de polietileno muy fuerte y duradero. El laminado lo convierte en una tela de protección química con buena resistencia a la perforación y al rasgado

Permeación

TYCHEMTOOLS provee excelente resistencia contra riesgos biológicos, tales como sangre y contaminantes virales, aprobando los test ASTM F1670 de penetración de sangre y ASTM F1671 de penetración viral.

Detalles

Cuando se trabaja en ambientes peligrosos, el color y la visibilidad de la ropa de protección puede afectar la seguridad integral del trabajador. La visibilidad de un color depende de tres factores:

- Sensibilidad óptica del color cuando es expuesto a luz brillante.
- Sensibilidad óptica del color cuando es expuesto a poca luz.
- Contraste del color cuando se encuentra con fondos de distintos colores.

El color elegido para la confección de TYCHEMTOOLS es amarillo porque provee buen contraste con respecto a una gran gama de colores naturales. Los estudios de laboratorio realizados demostraron que TYCHEMTOOLS obtiene un alto rating por visibilidad con baja luz, luz brillante, y excelente contraste con distintos colores de fondo.

- MODELO: TYCHEMTOOLS
- MARCA: WTOOLS
- PROCEDENCIA: CHINA

Test Report No. PPE 248918(1)/18

Date: 21 March 2018

Page 1 of 3

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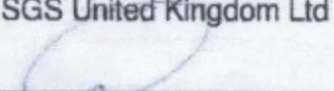


Attention: Daisy Mao

The following sample was submitted and identified by the client as:

<u>Sample Description:</u>	Sample of yellow non-woven lamination fabric
<u>Fibre Composition:</u>	35gsm Polypropylene+ 30gsm Polythene
<u>Order Reference:</u>	GZME1801000036NA
<u>Date Sample(s) Received:</u>	December 04 th 2018
<u>Testing Period:</u>	Tested between 04/12/2018 and 21/03/2018
<u>Test(s) Requested:</u>	EN 14325:2004 as detailed in Appendix A
<u>Test Results:</u>	Detailed in Appendix A

Signed for and on behalf of
SGS United Kingdom Ltd


Chris Walker B.Sc. (Hons)
Technical Manager

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Appendix A: Test Results

BS EN 14325:2004 Protective clothing against chemicals

Test Methods and performance classification of chemical protective clothing materials, seams, joins and assemblages.

Section 4: Performance classification of materials

Sample for testing in accordance with EN 14325:2004 were conditioned in standard atmosphere 20±2°C and 65% ±4% Relative Humidity for at least 24 hours prior to testing

Test Specimen: Yellow non-woven lamination

Clause	Test Method	Result	Class
4.2	Pre-conditioning (5 cycles of cleaning)	Not Applicable Limited Use	-
4.4	Abrasion Resistance	EN 530 Method 2	2000 Cycles (Visual assessment)
4.5	Flex cracking resistance	ISO 7854 Method B	→40,000 cycles →15,000 cycles →15,000 cycles ↑40,000 cycles ↑15,000 cycles ↑15,000 cycles (Visual Assessment)
4.7	Trapezoidal tear resistance	ISO 9073-4	MD 53.4N CD 35.5N
4.9	Tensile Strength	ISO 13934-1	MD 113.3N CD 73.3N
4.10	Puncture resistance	EN 863	Mean: 13.6N

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BS EN 14325:2004 Protective clothing against chemicals

Clause 4.11 Resistance to permeation by chemicals (ISO 6529:2013 Determination of resistance of protective clothing materials to permeation by liquids and gases). *

Test Specimen: Yellow non-woven lamination

Chemical Cas No	Code Letter	Loop system/ Collection medium	Analytical technique used	Mean Thickness (mm)	Breakthrough time (minutes)	Performance Level (according to EN ISO 374-1:2016 table 1)	Observation
Acetone 67-64-1	B	Open loop/ Nitrogen	Continuous measurement with GC-FID	0.22 0.21 0.22	2 1 2	Level 0	Slight swelling
Sodium Hydroxide 40% 1310-73-2	K	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.22 0.23 0.22	>480 >480 >480	Level 6	Slight swelling
Sulphuric acid 96% 7664-93-9	L	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.22 0.22 0.21	355 320 333	Level 5	Slight swelling
Nitric acid 65% 64-19-7	M	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.21 0.22 0.22	>480 >480 >480	Level 6	Slight swelling
Hydrochloric acid 37% 7647-01-0	-	Closed loop/ Grade 3 water	Continuous measurement with conductivity electrode	0.23 0.22 0.22	173 159 162	Level 4	Slight swelling

NB These tests were performed under laboratory conditions on new fabric and not under actual usage conditions. The test results relate only to the samples tested. Samples are accepted by the laboratory as being representative of the fabric being tested. No responsibility is accepted for samples which do not reflect the true nature of the bulk.

***** End of Report *****

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